

PATENT
Serial No. 10/506,833
Amendment in Reply to Final Office Action mailed on May 16, 2006

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) An image display apparatus comprising:
- means for receiving a video stream representing a series of consecutive input images, with the series of consecutive input images comprising a first image and a second image; and
 - a display device for displaying a series of consecutive output images which are based on the series of consecutive input images, wherein the image display apparatus is arranged:
 - to split the consecutive input images into respective first parts and respective second parts; and
 - to display a first one of the output images comprising a first block of pixels corresponding to the first part of the first input image and a second block of pixels corresponding to the

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second part of the second input image; the image display apparatus further comprising:

- a character analyzer designed to search for textual information in the first parts; and
- a comparing unit for comparing parts of the textual information with a predetermined string of characters.

2. (Previously Presented) The image display apparatus as claimed in Claim 1, wherein the first parts correspond to respective portions of a banner.

3. (Previously Presented) The image display apparatus as claimed in Claim 1, wherein the first parts correspond to a subtitle.

4. (Previously Presented) The image display apparatus as claimed in Claim 1, further comprising user interface means to provide location information of the first parts to control splitting of the images of the series of consecutive input images.

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5. (Previously Presented) The image display apparatus as claimed in Claim 4, further comprising a first memory device for storage of the location information.

6. (Previously Presented) An image display apparatus comprising:

- means for receiving a video stream representing a series of consecutive input images, with the series of consecutive input images comprising a first image and a second image; and

- a display device for displaying a series of consecutive output images which are based on the series of consecutive input images, wherein the image display apparatus is arranged:

- to split the consecutive input images into respective first parts and respective second parts; and

- to display a first one of the output images comprising a first block of pixels corresponding to the first part of the first input image and a second block of pixels corresponding to the second part of the second input image;

- a motion estimation unit for estimating motion in the first parts;

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- processing means to calculate a time period during which a particular part of the first parts moves from a first predetermined location relative to the display device to a second predetermined location relative to the display device; and

- a selector to select a further one of the first parts of a further input image on basis of the time period.

7. (Previously Presented) The image display apparatus as claimed in Claim 6, further comprising a second memory device for storing the further one) of the first parts.

Claim 8 (Canceled)

9. (Previously Presented) A method of displaying a series of consecutive output images which are based on a series of consecutive input images, with the series of consecutive input images comprising a first image and a second image, the method comprising the acts of:

splitting the consecutive input images into respective first parts and respective second parts;

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displaying a first one of the output images comprising a first block of pixels corresponding to the first part of the first input image and a second block of pixels corresponding to the second part of the second input image;

- searching for textual information in the first parts; and
- comparing parts of the textual information with a predetermined string of characters.

10. (Previously Presented) TV comprising the image display apparatus according to Claim 1.

11. (Previously Presented) A method of displaying a series of consecutive output images which are based on a series of consecutive input images, with the series of consecutive input images comprising a first image and a second image, the method comprising the acts of:

splitting the consecutive input images into respective first parts and respective second parts;

displaying a first one of the output images comprising a first block of pixels corresponding to the first part of the first input

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image and a second block of pixels corresponding to the second part of the second input image;

estimating motion in the first parts;

calculating a time period during which a particular part of the first parts moves from a first predetermined location relative to the display device to a second predetermined location relative to the display device; and

selecting a further one of the first parts of a further input image on basis of the time period.

12. (Previously Presented) A display apparatus comprising:
an input configured to receive input images having
corresponding first input parts and second input parts; and

a display device configured to display output images having
said corresponding first input parts and output parts;

wherein a predetermined number of said output images have said
output parts corresponding to one second input part of said second
input parts so that said one second input part is constantly
displayed over said predetermined number of said output images.

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13. (Previously Presented) The display apparatus of claim 12, wherein said corresponding first input parts and said output parts of said output images are separated by a separator, said separator being controllable by a user.

14. (Previously Presented) The display apparatus of claim 12, wherein said corresponding first input parts and said output parts of said output images are separated by a separator, said separator being a line.

15. (Previously Presented) The display apparatus of claim 12, wherein said corresponding first input parts and said output parts of said output images are separated by a separator, said separator being a box.

16. (Previously Presented) The display apparatus of claim 12, further comprising:

a motion estimation unit for estimating motion in said second input parts of said input images;

a processor configured to calculate a time period during which

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a particular part of said second input parts moves from a first predetermined location relative to the display device to a second predetermined location relative to the display device; and

a selector to select a further one of said second input parts of a further input image on basis of the time period.

17. (Previously Presented) The display apparatus of claim 12, further comprising:

a character analyzer configured to search for textual information in said second input parts of said input images; and

a comparator configured to compare parts of the textual information with a predetermined string of characters.

18. (Previously Presented) The display apparatus of claim 12, wherein said second input parts include a banner.

19. (Previously Presented) The display apparatus of claim 12, wherein said second input parts include a subtitle.